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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: JUN 24 2003 (use as many sheets as necessary)		Application Number	Unassigned 10/601,585
		Filing Date	JUN 24 2003
		First Named Inventor	Kiyoshi TAKAGI
		Group Art Unit	Unassigned 1775
		Examiner Name	Unassigned R. Koehler
Sheet	1	of	1
		Attorney Docket Number	023971-0284

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	JP	2000-204463	A	NIPPON STEEL CORP.	07/25/2000		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

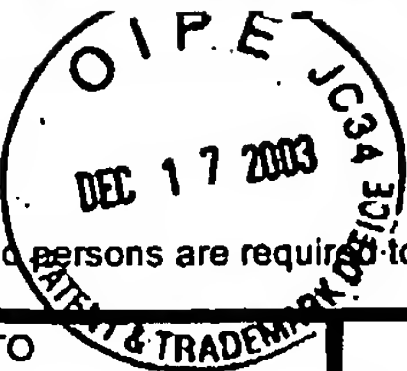
Examiner Signature	Robert R. Koehler	Date Considered	July 25, 2004
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 17, 2003 (use as many sheets as necessary)				Complete if Known	
				Application Number	10/601,585
Sheet 1 of 1				Filing Date	06/24/2003
				First Named Inventor	Kiyoshi TAKAGI
				Group Art Unit	1775
				Examiner Name	Unassigned R. Koehler
				Attorney Docket Number	023971-0284

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		Number	Kind Code ² (if known)			
RK	B1	4,546,051		UCHIDA ET AL.	10-08-1985	
	B2	4,517,229		NICHOLA ET AL.	05-14-1985	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
BRK.	B3	FR	1 391 659		COMMISSARIAT ENERGIE ATOMIQUE, ET AL.	03-12-1965		

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RK	B4	Patent Abstracts of Japan, Vol. 004, No. 135, 09/20/1999, JP 55-085623, 27 June 1980.	

Examiner Signature	Robert R. Koehler	Date Considered	July 25, 2004
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